

## Rainfall data for June, 1904.

Stations.	Elevation.	Amount.	Stations.	Elevation.	Amount.
<b>HAWAII</b>					
HILO, e. and ne.	Feet.	Inches.	MAUI - Cont'd.	Feet.	Inches.
Waiakea	50	8.73	Puuomalei, n.	1,400	2.33
Hilo (town)	85	7.60	Wailuku, ne.	180	0.89
Puueo	1,250	10.36	Haleakala Ranch.	.....	.....
Kaumana	100	6.29	LANAI	.....	.....
Pepeekeo	.....	.....	Keomuku	.....	.....
Puuhoua	.....	.....	OAHU	.....	.....
Hakalau	.....	.....	Punahoa (W. B.), sw.	47	0.72
Honohina	.....	.....	Kulaokahua (Castle), sw.	50	0.36
Puuhoua	1,050	11.29	Makiki Reservoir	6	0.90
Laupahoehoe	500	6.76	U. S. Naval Station, sw.	.....	.....
Ookala	400	5.35	Kapiolani Park, sw.	.....	.....
<b>HAMAKUA, n.e.</b>					
Kukiau	250	1.94	College Hills	175	1.57
Paaulio	300	1.41	Manoa (Woodlawn Dairy), c.	285	5.34
Paauhau	.....	.....	Manoa (Rhodes Gardens)	360	7.35
Honokaa (Mill)	425	1.56	Insane Asylum	30	1.58
Honokaa (Meinicke)	1,100	1.50	School street (Bishop), sw.	.....	.....
Kukuihaele	700	1.87	Kamehameha School	.....	.....
<b>KOHALA, n.</b>					
Awini Ranch	200	2.15	Kalihii-Uka, sw.	485	4.38
Niulii	250	2.00	Nuuuanu (W. W. Hall), sw.	50	1.33
Halawa	450	1.92	Nuuuanu (Wyllie street)	250	2.70
Kohala (Mission)	521	1.48	Nuuuanu (Elec. Station), sw.	405	3.03
Kohala (Sugar Co.)	270	1.96	Nuuuanu (Luakaha), c.	850	8.03
Hawi Mill	.....	.....	U. S. Experiment Station	350	1.95
Puakea Ranch	600	1.15	Kalilua	.....	.....
Puuhue Ranch	1,847	1.01	Leniakaea (Nahuina)	1,360	4.28
Waimea	2,720	1.58	Tantalus Heights (Frear)	.....	.....
<b>KONA, w.</b>			Waimanalo, ne.	300	0.66
Huehue	2,000	5.68	Maunawili, ne.	300	2.69
Holualoa	1,850	8.43	Kaneohe	100	2.04
Kaukahoku Leheula	.....	.....	Ahuimanu, ne.	350	3.85
Kainaliu	.....	.....	Kahuku, n.	.....	.....
Kealakekua	1,580	10.95	Waialua	.....	.....
Napoopo	25	5.53	Wahiawa	900	2.95
Hoopuloa	.....	.....	Ewa Plantation, s.	60	0.72
Puuaawaa Ranch	.....	.....	U. S. Magnetic Station	200	0.00
Huehue	.....	.....	Moanalua	15	0.53
<b>KAU, se.</b>					
Kahuku Ranch	1,680	4.46	Pacific Heights	.....	.....
Honuapao	15	0.34	KAUAL	.....	.....
Naaehu	650	1.76	Lihue (Grove Farm), e.	200	2.13
Hilea	310	0.30	Lihue (Molokoa), e.	300	2.13
Pahala	850	0.38	Lihue (Kukaua), e.	1,000	3.18
Volcano House	4,000	2.65	Lihue (Kilohana)	400	2.15
<b>PUNA, e.</b>			Kealia, e.	15	0.84
Olaa, Mountain View (Russel)	.....	.....	Kilauea (Plantation), ne.	325	3.11
Olaa Plantation (Mill)	.....	.....	Hanalei, n.	10	2.98
Olaa (20 miles)	.....	.....	Waioli	.....	.....
Kapoho	110	5.18	Haena	.....	.....
Pahoehoe	600	8.82	Waiaawa	150	0.59
<b>MAUI.</b>			Eelele	.....	.....
Lahaina	.....	.....	Wahiawa (Mountain)	850	3.88
Waipae Ranch	.....	.....	McBryde (Residence)	450	4.48
Kaupo (Mokulau), s.	285	3.48	Lawai (Gov. Road)	.....	.....
Kipahulu, s.	308	4.18	Lawai, w.	.....	.....
Hana	.....	.....	Lawai, e.	800	4.04
Nahiku, ne	850	11.82	Koloa	100	1.93
Nahiku	1,600	14.45	Lawai Beach	.....	2.09
Haiku, n.	700	2.01	Delayed May reports.	.....	.....
Kula (Erehwon), n.	.....	.....	Nuuuanu (Hall)	.....	1.37
Kula (Walakoa), n.	2,700	0.50	Wahiawa Mt.	.....	0.75
			Paia	.....	0.96
			Nahiku	1,600	10.20
			Haualei	.....	1.31

NOTE.—The letters n, s, e, w, and c show the exposure of the station relative to the winds.

Ewa Mill, dew-point, 59.7°; relative humidity, 63.3 per cent; barometer average, 30.01 inches.

The precipitation throughout the group was very unevenly divided, some stations having considerably in excess of the

normal, while at others, and in some cases in the same district, it was below. At the Weather Bureau it was the lightest for June, with one exception (0.64 inch, 1893), on record.

*Honolulu.*—Heavy earthquake shock at 12:27:05 p. m. on the 4th, lasting 23 seconds. This shock was felt generally throughout the group, being heaviest on Maui; 44° lunar halo at 10 p. m. on 21st.

Reported from other stations: Pepeekeo, Hawaii: in addition to earthquake noted above, slight shock on the 28th; heavy surf on 6th to 9th, inclusive, 23d, 27th, and 28th; winds e. and e., mean force, 1.1; average cloudiness, 6.6; dew one morning. Waimea, Hawaii, northeast gale, 7th to 9th, inclusive, and with but few exceptions, fresh and strong trades.

## Temperature table for June, 1904.

Stations.	Elevation.	Mean max.	Mean min.	Cor. av'ge.	Highest.	Lowest.
Hilo	50	77.6	68.8	72.5	80	67
Pepeekeo	100	77.6	68.8	72.5	80	67
Olaa Mill	210	79.2	67.6	72.7	82	66
Kohala	521	79.2	67.6	72.7	82	66
Waimea	2,730	72.1	60.0	65.4	77	57
Volcano House	4,000	69.1	52.5	60.1	73	50
Waiakoa	2,700	87.0	57.9	71.8	94	56
Keomuku	10	82.8	71.9	76.1	86	67
Kinau Street (Castle)	50	82.9	66.7	74.1	86	64
United States Magnetic Station	50	82.9	66.7	74.1	86	64
Ewa Mill	60	82.9	66.7	74.1	86	64
United States Experiment Station	350	83.7	69.8	76.0	88	68

## CLIMATOLOGICAL DATA FOR JAMAICA.

Through the kindness of Mr. H. H. Cousins, chemist to the government of Jamaica and now in charge of the meteorological service of that island, we have received the following table in advance of the regular monthly weather report for Jamaica:

## Comparative table of rainfall for June, 1904.

[Based upon the average stations only.]

Divisions.	Relative area.	Number of stations.	Rainfall.	
			1904.	Average.
Northeastern division	Per cent.	25	18.27	9.42
Northern division	22	53	11.61	5.17
West-central division	26	26	17.62	10.23
Southern division	27	85	13.31	6.47
Means		100	124	15.20
				7.82

The rainfall for June was, therefore, very nearly twice as much as the average for the whole island. The greatest fall, 54.17 inches, occurred at Moore Town in the northeastern division, while 5.83 inches was recorded at Milk River in the southern division.

**Blank page retained for pagination**